MTP DA4

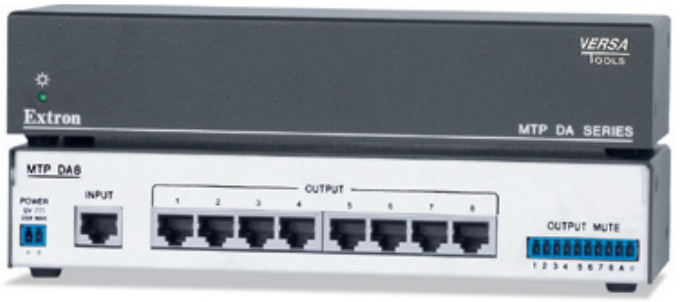
Four Output MTP - Mini Twisted Pair Distribution Amplifier

UNIQUE FEATURES

- **Input: Female RJ-45 connector**
- **Output: Four female RJ-45 connectors**

MTP DA8

Eight Output MTP - Mini Twisted Pair Distribution Amplifier



UNIQUE FEATURES

- **Input: Female RJ-45 connector**
- **Output: Eight female RJ-45 connectors**

COMMON FEATURES

- **Splits and buffers input from one twisted pair transmitter to multiple twisted pair receivers**
- **Compatible with all Extron VT Series and MTP Series transmitters and receivers**
- **Global and individual output muting via contact closure**
- **Supports RGBHV, RGBS, RGsB, component video, S-video, composite video, and audio**
- **Compatible with HDTV component video, bi-level or tri-level sync**
- **Supports audio and unidirectional RS-232 signals**
- **Rack, under-desk, and projector mountable**
- **Front panel LED power indicator**
- **External universal power suplly included** — Provides worldwide power compatibility

DESCRIPTION

The **MTP DA4** and **MTP DA8** Distribution Amplifiers are ideal for systems where high resolution video signals along with audio or control signals must be transmitted long distances to multiple displays. Each distribution amplifier splits the signal from an Extron Mini Twisted Pair Series transmitter to multiple MTP Series receivers, enabling the creation of dynamic multi-display systems and expanding the possibilities for twisted pair based system integration.

The MTP DA4 and MTP DA8 feature video mute control via contact closure for use with a control system. For example, in a courtroom the judge can select which specific displays are receiving a video signal, or mute all displays with a single push of a button. This video muting feature eliminates the need for additional switching devices or complex control system command strings.

Each model is compatible with high resolution computer-video signals, HDTV signals with bi-level or tri-level sync, component video, S-video, composite video, and audio signals. They can also be used to transmit unidirectional RS-232 serial control signals to send commands to multiple destinations.

The MTP DA4 and MTP DA8 each accept a single proprietary analog signal from an Extron MTP Series transmitter over any CAT 5, 5e, or 6 twisted pair cable or with Extron UTP23SF-4 Enhanced Skew-Free A/V UTP cable, and sends a buffered proprietary analog signal to four or eight MTP Series receivers. Each model features inputs and outputs on female RJ-45 connectors.

Compatible Extron Twisted Pair Transmitters and Receivers

Transmitters	Receivers	Signal Type
MTP T CV	MTP R CV	Composite Video
MTP T AV MTP T AV 45	MTP R AV	Composite Video & Stereo Audio
MTP T AV RCA	MTP R AV RCA	Composite Video & Stereo Audio
MTP T SV	MTP R SV	S-Video
MTP T SVA MTP T SVA 45	MTP R SVA	S-Video & Stereo Audio
MTP T SVA RCA	MTP R SVA RCA	S-Video & Stereo Audio
MTP T 15HD A MTP T 15HD A D MTP T 15HD A AAP MTP T 15HD A WM SW MTP T 15HD A Series	MTP RL 15HD A MTP RL 15HD A SEQ	RGBHV & Audio
MTP T 15HD A C7	MTP RL 15HD A C7 MTP RL 15HD A SEQ C7	RGBHV & Audio – for CAT 7
MTP T 15HD RS	MTP RL 15HD RS MTP RL 15HD RS SEQ	RGBHV & RS-232
MTP T 15HD RS C7	MTP RL 15HD RS C7 MTP RL 15HD RS SEQ C7	RGBHV & RS-232 – for CAT 7
VTT001	VTR001	RGBHV

MODEL	VERSION DESCRIPTION	PART #
MTP DA4	Four Outputs	60-685-01
MTP DA8	Eight Outputs	60-686-01

Continued →

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MTP DA Series

SPECIFICATIONS

VIDEO

Gain ..... Unity

VIDEO INPUT — SEE TRANSMITTERS' SPECIFICATIONS

Number / Signal type ..... 1 set of proprietary analog signals
Connectors ..... 1 female RJ-45

VIDEO OUTPUT — SEE RECEIVERS' SPECIFICATIONS

Number / Signal type
MTP DA4 ..... 4 sets of proprietary analog signals
MTP DA8 ..... 8 sets of proprietary analog signals
Connectors
MTP DA4 ..... 4 female RJ-45
MTP DA8 ..... 8 female RJ-45

AUDIO

Gain ..... Unity (0 dB)

AUDIO INPUT — SEE TRANSMITTERS' SPECIFICATIONS

Number / Signal type ..... 1 set of proprietary analog signals
Connectors ..... 1 female RJ-45

AUDIO OUTPUT — SEE RECEIVERS' SPECIFICATIONS

Number / Signal type
MTP DA4 ..... 4 sets of proprietary analog signals
MTP DA8 ..... 8 sets of proprietary analog signals
Connectors
MTP DA4 ..... 4 female RJ-45
MTP DA8 ..... 8 female RJ-45

CONTROL / REMOTE – DISTRIBUTION AMPLIFIER

Contact closure (latching)
MTP DA4 ..... (1) 3.5 mm captive screw connector, 6 pole for contact closure output mute control
MTP DA8 ..... (1) 3.5 mm captive screw connector, 10 pole for contact closure output mute control

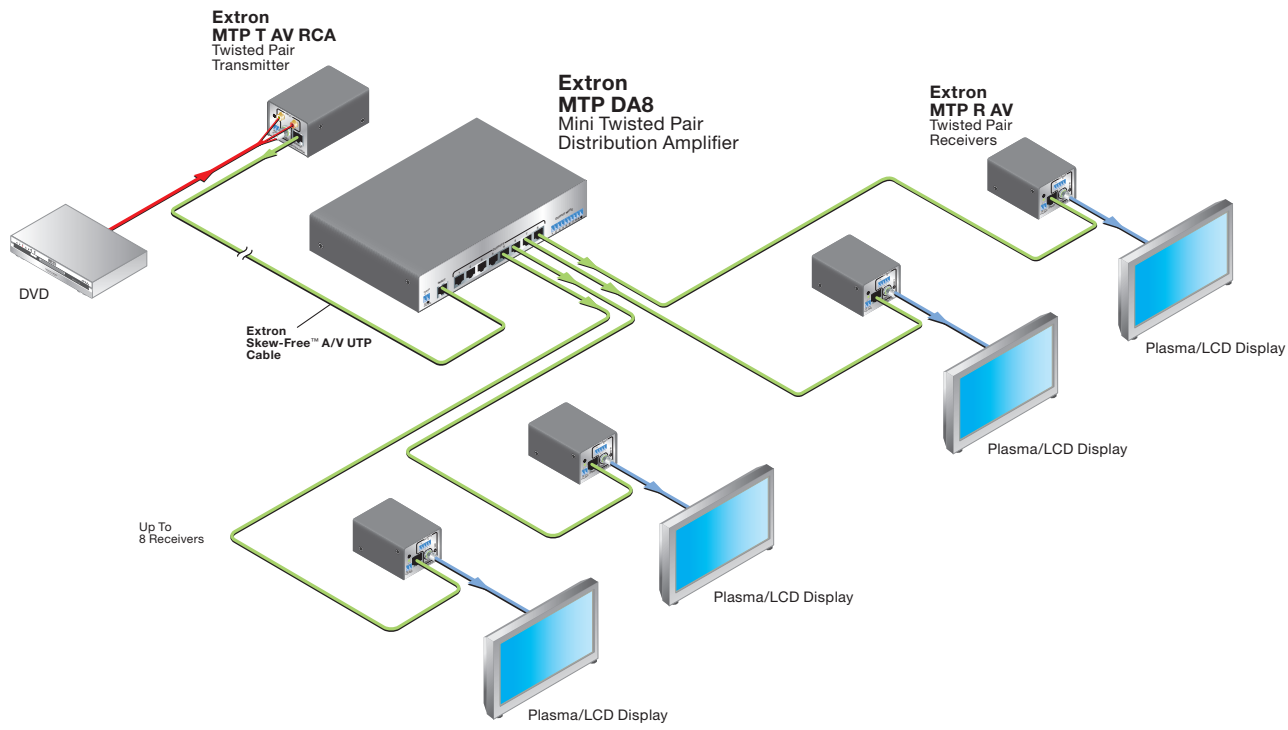
Contact closure pin configurations
MTP DA4 ..... 1 = mute output 1, 2 = mute output 2, 3 = mute output 3, 4 = mute output 4, 5 = mute all outputs, 6 = GND
MTP DA8 ..... 1 = mute output 1, 2 = mute output 2, 3 = mute output 3, 4 = mute output 4, 5 = mute output 5, 6 = mute output 6, 7 = mute output 7, 8 = mute output 8, 9 = mute all outputs, 10 = GND

GENERAL

External power supply ..... 100 VAC to 240 VAC, 50/60 Hz, external
MTP DA4 ..... 1 2 VDC, 2 A, regulated
MTP DA8 ..... 12 VDC, 3 A, regulated
Power input requirements ..... 12 VDC, 0.93 A
Temperature / Humidity ..... Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing
Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing
Cooling ..... Convection, unvented
Rack mount ..... Yes, with optional 1U, 9.5" deep rack shelf, part #60-190-01 or 60-604-01; or 1U, 6" deep rack shelf, part #60-190-10 or 60-604-10.
Also furniture mountable with optional Under-Desk Mounting Kit #70-077-01 or projector mountable with optional kit.

Enclosure type ..... Metal
Enclosure dimensions ..... 1.75" H x 8.75" W x 6" D (1U high, half rack wide)
4.4 cm H x 22.2 cm W x 15.2 cm D (Depth excludes connectors.)
Product weight ..... 1.2 lbs (0.5 kg)
Shipping weight ..... 4 lbs (2 kg)
Vibration ..... ISTA 1A in carton (International Safe Transit Association)
Listings ..... UL, CUL
Compliances ..... CE, FCC Class A, VCCI, AS/NZS, ICES
MTBF ..... 30,000 hours
Warranty ..... 3 years parts and labor

NOTE: All nominal levels are at ±10%. Specifications are subject to change without notice.



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